p21Cip1 (Ab-145) Conjugated Antibody

Catalog No: #C21149

Package Size: #C21149-AF350 100ul #C21149-AF405 100ul #C21149-AF488 100ul #C21149-AF555 100ul #C21149-AF594 100ul #C21149-AF647 100ul #C21149-AF680 100ul #C21149-AF750 100ul #C21149-Biotin 100ul

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Description

Product Name	p21Cip1 (Ab-145) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total p21Cip1 protein.
Immunogen Description	Peptide sequence around aa.143~147 (R-Q-T-S-M) derived from Human p21Cip1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAP20;CDK-interacting protein 1;CDKN1;CDKN1A;CDN1A
Accession No.	Swiss-Prot#:P38936NCBI Gene ID:1026NCBI mRNA#:NM_000389.3 NCBI Protein#: NP _000380.1
Uniprot	P38936
GeneID	1026;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	21
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.

Note: This product is for in vitro research use only